

MODEL AND MODELING FOR PREDICTING AN HEPATITIS B PATIENT TO RESPONSE TO INTERFERON TREATMENT

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ABSTRACT OF THE DISCLOSURE

10 By genotyping analysis in combination with Monte-Carlo
estimation, a model for predicting an hepatitis B patient to response
to interferon treatment is constructed. With this model, by
selecting STR markers combination, the hepatitis B patients are
divided into three groups comprising high response rate, ambiguous,
and low response rate, respectively, and hence, predictions of
15 treatment response for HBV patients, especially for interferon
therapy, are obtained.